

CONCORDIA UNIVERSITY

Faculty of Engineering

Minutes of Meeting No. 78.7

of the

Engineering Faculty Council

held

Tuesday, 30 May 1978

Present: M.N.S. Swamy (Chairman); Professors Antoniou, Bhargava, Fazio, Joly, Krakow, Krantzberg, Lindsay, Osman, Pekau, Ramamurthy, Russell, Sankar, Stefanovic, Troitsky, Xistris (Acting Secretary); Ms Jirkowsky (Library representative); Prof. J.C. Giguere (Acting Chariman)

Visitors: Professors Nasser and McQueen

- Motion 1. Council unanimously adopted a motion to adopt the agenda, it
78-7-1 being agreed to interchange items 4 and 5.
2. Graduate Slot Courses
- The Assistant Dean presented EGSC's recommendation for an additional slot course (Doc. 78-7-2). Prof. Antoniou noted that this course would also be of interest to students from other departments.
- Motion 3. Council unanimously adopted a motion to approve the offering
78-7-2 of the course set out in Doc. 78-7-2.
4. The Assistant Dean presented a recommendation from Mechanical Engineering for a further slot course (Doc. 78-7-3). He noted that EGSC had not had time to consider this particular course. Prof. Sankar noted that the only prerequisite for this course was an undergraduate level background in fluid mechanics and, as such, it should be of interest to Mechanical and Civil Engineers.
- Motion 5. Council adopted a motion to approve the offering of the course
78-7-3 set out in Doc. 78-7-3 (10 for, 1 against), subject to editorial modifications.
6. Changes to Undergraduate Programmes

The Chairman noted that EUSC proposals (Doc. 78-7-1) had been circulated. He asked members to identify areas of specific concern before beginning discussion on any one item. Some ten different points were raised.

7. Prerequisite for ELEC C312 - Electronics II

The Chairman advised that in the proposed Digital Systems option of the B.Comp.Sc. programme, this course was listed as an elective. It was noted that ELEC C341 was in fact a pre- or co-requisite for this course, and that it should be specifically listed as such.

- Motion 8. Council unanimously adopted a motion to add ELEC as a pre-
78-7-4 or co-requisite for ELEC C312.

- Motion 9. MECH C321 - Strength and Failure in Metals
78-7-5

Council unanimously adopted a motion to remove the proposed laboratory component for this course, and to adjust credit values accordingly.

10. Proposed deletion of courses in Civil Engineering

Prof. Troitsky advised that the Civil Engineering Department wish to retain the courses listed in section 5.3.2(a) of Doc. 78-7-1.

- Motion 11. Council unanimously adopted a motion to delete section 5.3.2(a)
78-7-6 from Doc. 78-7-1.

12. CEGEP equivalent for CIVI C321 - Engineering Materials

Prof. Krantzberg advised that there existed no specific CEGEP equivalent for this course.

- Motion 13. Council unanimously adopted a motion to delete CIVI C321 from
78-7-7 section 4.6 of Doc. 78-7-1.

14. Graphics course

- Motion 15. Council unanimously adopted a motion to change the title of
78-7-8 ENGR C214 to "Engineering Drawing".

15. Social Aspects courses

The Chairman advised that EUSC endorsed the recommendations of the committee on Social Aspects in that the programme should contain six credits in this area. He also noted that the courses had been redefined in order to ensure that any overlap between courses in this series was reduced to a minimum.

There was considerable debate concerning the desirability of retaining six credits in this area, the number and definition of "non-technical" elective credits, and the credit values of the social aspects courses themselves.

- Motion 16. Council considered a motion to approve six credits in social
78-7-9 aspects as a mandatory part of the programme, it being under-

stood that "Social Aspects" included courses in the ENGR C49X series, and in the cases of the combined programme in Building Engineering and the proposed programme in Industrial Engineering, the courses BLDG C481 and INDU C481 respectively.

- | | |
|-------------------|--|
| Motion
78-7-10 | <p>17. Council adopted a motion to amend Motion 78-7-9 by permitting the Assistant Dean responsible for undergraduate student affairs to authorize students to replace three credits in the area of social aspects by three specified credits in French (8 in favour, 4 opposed).</p> <p>It is noted that the Assistant Dean will, when considering such requests, take into account the proficiency of the applicant in the use of French.</p> <p>18. Council adopted Motion 78-7-9 as amended by Motion 78-7-10 (8 in favour, 2 opposed, 1 recorded abstention).</p> <p>19. Prof. Giguere turned the Chair over to Dean Swamy.</p> |
| Motion
78-8-11 | <p>20. <u>Technical Literature - ENGR C281</u>
 Council defeated a motion to remove ENGR C281 from the Faculty core (5 for, 7 against).</p> <p>21. <u>Mechanics courses</u>
 It was noted that electrical engineering students entering ENGR C243 without having been exposed to ENGR C242 would be at some disadvantage relative to other students, despite the fact that ENGR C242 need not be a specific prerequisite for ENGR C243. It was felt that the exposure to statics in ENGR C242 predisposed students towards a better understanding of the material covered in ENGR C243.</p> |
| Motion
78-7-12 | <p>22. Council unanimously adopted a motion to reinstate ENGR C242 as a prerequisite for ENGR C243 and to create a new course in dynamics, ENGR C245, designed for students in Electrical Engineering.</p> <p>It was agreed to ask EUSC to examine the possibility of crediting ENGR C245 towards other programmes for students who transfer out of Electrical Engineering.</p> <p>23. <u>Technical Report</u></p> |
| Motion
78-7-13 | <p>Council defeated a motion to remove ENGR C410 as a requirement for the combined programme in Building Engineering (3 for, 4 against).</p> |
| Motion
78-7-14 | <p>24. Council unanimously adopted a motion to change the title of ENGR C402 from Engineering Practice to Engineering Law.</p> |

Motion
78-7-15

25. Council adopted a motion to approve, and recommend to Senate, Doc. 78-7-1, as amended by the previous motion (8 for, 1 against).

26. Notice of motion

Prof. Xistris indicated that he would present a motion to review credit values for certain Mechanical Engineering courses.

Motion
78-7-16

27. Council unanimously adopted a motion to establish a summer quorum of eight members, for the summer period 1 June to 31 August 1978, it being understood that any decision taken with summer quorum rules would be subject to review by Council at its next regular meeting.